

Amendments to the Specification:

Please replace paragraph [0009] with the following amended paragraph:

[0009] For one embodiment of the invention, a tube filling or insert is used to provide a more uniform temperature distribution of working fluid within a heat exchanger tube. The tube insert may be helically-~~shape~~ shaped. A helical tube insert 200 is depicted in Figure 2. The tube insert 200 may be a twisted tape. However, the heat exchanger tube insert is not limited to a helical shape. The diameter of the tube insert 200 may be less than or equal to the diameter of the tube. The heat exchanger tube may have a diameter that ranges from four to six millimeters. The tube insert 200 may be closely fitted inside the tube to prevent the tube insert 200 from shifting inside the tube as working fluid flows through the tube.

Please replace paragraph [0012] with the following amended paragraph:

[0012] For another embodiment of the invention, internal fins are built into a heat exchanger tube to provide a more uniform temperature distribution of working fluid within the tube. Figure 3 depicts the front view of a heat exchanger having a tube 310, internal fins 315, and external fin 320. The heat exchanger depicted in ~~Figure~~ figure-3 has four internal fins. However, the tube is not limited to four internal fins. The heat exchanger tube may have one or more fins. The fins 315 in the tube may be manufactured at the same time as the heat exchanger tube 310. Thus, the internal fins 315 may comprise the same material as the heat exchanger tube. For example, the tube and the fins inside of the tube may be manufactured with copper. After the tube and the internal fins are manufactured, additional external fins 320 may be attached to the exterior of the tube using solder, epoxy, or press fit. As with tube inserts, the heat exchanger tube having internal fins may be used as part of a single-phase loop, two-phase loop, or a refrigeration loop.